AMENDMENT TO THE CLAIMS

The following is a detailed listing of all claims that are, or were, in the Application.

1-29.   (Canceled)

30.   (Currently Amended) An apparatus for processing multimedia data, the apparatus comprising:

a memory; and

a processor configured to perform operations comprising:

generating segment group information in a data structure describing multimedia data, the segment group information defining a segment group that includes a plurality of segments selected from a multimedia stream, wherein said segment group information specifies a group type and a duration for said segment group, and wherein the segment group information includes segment order information defining that two or more segments within the segment group are unordered relative to each other according to a time sequence; and

storing the data structure with the segment group information in the memory.

31.   (Previously presented) The apparatus of claim 30, wherein said segment group information includes a level information.

32.   (Previously presented) The apparatus of claim 31, wherein said level information defines multiple levels.

33.   (Previously presented) The apparatus of claim 30, wherein each segment contained in the plurality of segments has a start time and an end time.

34.   (Currently amended) A method for processing multimedia data, the method comprising:

generating segment group information for a data structure describing multimedia data; and

transmitting said segment group information to a client,

wherein said segment group information:

defines a segment group that includes a plurality of segments selected from a multimedia stream specifies a group type and a duration for said segment group; and

includes segment order information defining that two or more segments within the segment group are unordered relative to each other according to a time sequence.

35.   (Previously presented) The method of claim 34, wherein said segment group information includes a level information.

36.   (Previously presented) The method of claim 35, wherein said level information defines multiple levels.

37.   (Previously presented) The method of claim 34, wherein the segment group information defines a start time and an end time for each segment contained in the plurality of segments.

38.   (Currently amended) An apparatus for processing multimedia data, the apparatus comprising:

a memory; and

a processor configured to perform operations comprising:

receiving segment group information defining a segment group in a data structure describing multimedia data, the segment group including that includes a plurality of

segments selected from a multimedia stream, wherein said segment group information specifies a group type and a duration for said segment group and wherein the segment group information includes segment order information defining that two or more segments within the segment group are unordered relative to each other according to a time sequence; and

       storing the data structure with the segment group information in the memory.

39.   (Previously presented) The apparatus of claim 38, wherein said segment group information includes a level information.

40.   (Previously presented) The apparatus of claim 39, wherein said level information defines multiple levels.

41.   (Previously presented) The apparatus of claim 38, wherein each segment contained in the plurality of segments has a start time and an end time.

42.   (Currently amended) A method for processing multimedia data, the method comprising:

       receiving segment group information from a provider; and

       storing said received segment group information in a data structure describing multimedia data in a client, wherein said segment group information:

       defines a segment group that includes a plurality of segments selected from a multimedia stream;

       specifies a group type and a duration for said segment group; and

       includes segment order information defining that two or more segments within the segment group are unordered relative to each other according to a time sequence.

43.   (Previously presented) The method of claim 42, wherein said segment group

information includes a level information.

44.   (Previously presented)   The method of claim 43, wherein said level information defines multiple levels.

45.   (Previously presented)   The method of claim 42, wherein each segment contained in the plurality of segments has a start time and an end time.

46.   (Currently amended) A storage medium storing a data structure describing multimedia data, the data structure configured to be processed by multimedia data processing apparatus, the stored data structure comprising:

segment group information defining a segment group that includes a plurality of segments selected from a multimedia stream, wherein said segment group information specifies a group type and a duration for said segment group, and wherein the segment group information includes segment order information defining that two or more segments within the segment group are unordered relative to each other according to a time sequence.

47.   (Previously presented)   The storage medium of claim 46, wherein said segment group information includes a level information.

48.   (Previously presented) The storage medium of claim 47, wherein said level information defines multiple levels.

49.   (Previously presented) The storage medium of claim 46, wherein the segment group information defines a start time and an end time for each segment contained in the plurality of segments.

50-53. (Cancelled)

54.   (Currently amended) The apparatus of claim 30, wherein the group type ~~indicates~~ specifies that the segment group is related to at least two objects represented in the content of the multimedia stream.

55.   (Currently amended) The apparatus of claim 54, wherein the segment group includes segments representing relation changes between the at least two objects, and the segment order information defines that the segments representing relation changes are ordered relative to each other according to a time sequence defined by subsequent events.

56.   (Previously presented) The apparatus of claim 55, wherein the segment group information indicates that the segment group includes segments that represent highlights from the multimedia stream.

57.   (Currently amended) The apparatus of claim 54, wherein the two or more unordered segments within the segment group include[[s]] segments representing constant relations between the at least two objects, ~~and the segment order information defines that the segments representing constant relations are unordered~~.